

CHAPTER 6

CONCLUSION

6.1 Conclusion

Advanced Local Binary Pattern and Chain Code algorithm could be used to extract the features of the object and identify the object. And both of them had a high accuracy to identify the alphabet images when the image is still original. The testing result when the image got manipulated by rotate, shear, perspective effects Chain-code algorithm had a better accuracy rate than the ALBP algorithm. Both of those algorithms could not identify the shape of alphabets when the image get blurred or noised.

6.2 Further Research

For further research, the suggestion are try to identify a word by identify each alphabets. And for better accuracy it would be nice to implement machine learning for the comparation / identification.